

ABSTRACT OF THE DISCLOSURE

An interference screw for affixing soft tissue grafts during anterior cruciate ligament (ACL) reconstruction comprises a threaded body axially extending between a face and a tip along a central axis, with the face advantageously being obliquely aligned with the central axis. The threaded body includes a proximal threaded section and a distal threaded section, each of which may be straight or tapered. The proximal threaded section is approximately 1 mm larger in diameter than the distal threaded section. The increased diameter of the proximal threaded section enables the interference screw to compressively secure the soft tissue graft against the cortical bone, while the distal threaded section compresses the soft tissue graft against the cancellous bone with an appropriately reduced force that is appropriate for facilitating bonding of the soft tissue graft to the cancellous bone and that is sufficient for minimizing any "bungee effect."

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